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G01N033/53 G01N033/566 G01N033/569 G01N033/68 C12N009/80 C12Q001/68 C12R001:01
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((1.TI,AB,CLM.) AND 4).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	31
(L4 AND L1.TI,AB,CLM.).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	31

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<u>#23</u> Search helicobacter felis urease subunit y	17:09:52	<u>0</u>
<u>#22</u> Search helicobacter felis urease subunit x	17:09:47	<u>0</u>
<u>#20</u> Search helicobacter felis urease xy	17:09:31	<u>0</u>
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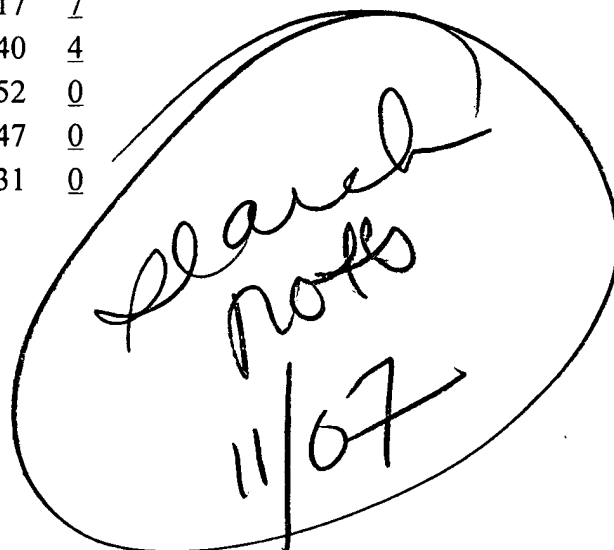


TABLE 1b

11/15/99	ALIGNED SEQUENCES	1	226	(226 aa)	Homology
Reference molecule:	ureXCS1	1	226	(226 aa)	100%
Sequence 2:	ureXkuka	1	226	(	226 aa)	99%
Sequence 3:	ureXDS4	1	226	(	226 aa)	99%
Sequence 4:	ureX2301	1	226	(	226 aa)	99%
Sequence 5:	ureX390	1	226	(	226 aa)	99%
Sequence 6:	A felis	1	237	(	237 aa)	50%
Sequence 7:	A pylori	1	238	(	238 aa)	52%
Sequence 8:	A heilman	1	234	(	234 aa)	54%
Alignment type:	Global Protein					
Parameters:	Mismatch 2; Open Gap 4; Extend Gap 1; Conserv N					
ureXCS1	(	1)	vkltpeqekfllvyagevar	kkaeglklnqpeaiayisahimdearrgkktvaqlmeecmhflkkdevmpgvgnmvpdlgveatfpdgtklvtvnwpi	epdehfkagevkfgcdkdie	
ureXkuka	(	1)	.....	.....	.....	.....
ureXDS4	(	1)	.....	.....	.....	.....
ureX2301	(	1)	.....	.....	.....	.....
ureX390	(	1)	.....	.....	.....	.....
A felis	(	1)	.....	.....	.....	.....
A pylori	(	1)	.....	.....	.....	.....
A heilman	(	1)	.....	.....	.....	.....
ureXCS1	(	121)	lnagktelevtnegpkslhvqshfhf	feankalkfdrekaygrldipsntlrigagqtrkvqliplggskkvigmgnglvnniaderthkhhkaldkashgfi	-----k	
ureXkuka	(	121)	.....	.....	.....	.....
ureXDS4	(	121)	.....	.....	.....	.....
ureX2301	(	121)	.....	.....	.....	.....
ureX390	(	121)	.....	.....	.....	.....
A felis	(	120)	.....	.....	.....	.....
A pylori	(	120)	.....	.....	.....	.....
A heilman	(	121)	.....	.....	.....	.....

Figure 1b